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इस भाग में भिन्न पृष्ठ संख्या दी जाती है, जिससे कि यह अलग संकलन के रूप में रखा जा सके ।

(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

(Notifications and Notices issued by the Patent Office relating to Patents and Designs)

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Calcutta, the 22nd October 1983

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APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-700 017

The dates shown in crescent bracket are the dates claimed under Section 135, of the Act

The 15th September 1983

1128/Cal/83 Corning Glass Works. Volatile metal Complexes,

1129/Cal/83 Corning Glass Works. Volatile cerium complexes and production thereof.

1130/Cal/83 Corning Glass Works. Production of sintered glasses and ceramics.

1131/Cal/83 Beloit Corporation. Dryer stationary syphon adjustment mechanism.

The 16th September 1983

1132/Cal/83 Jacuzzi Inc. Support system for a submersible D.C. Motor.

1133/Cal/83 Allied Corporation. Electrical connectors with protective hood.

1134/Cal/83 Jeumont-Schneider. Control circuit of a synchronous motor with two induced windings.

1135/Cal/83 General Electric Company. Turn-off control means for an ac-to-dc electric power converter.

1136/Cal/83 Siemens Aktiengesellschaft. A contact arrangement with bridge-like contact lamellae for retractable switchgear.

The 17th September 1983

1137/Cal/83 Compagnie Francaise De Raffinage S. A. Method and installation for the extraction of natural flavours of plant products and products thereby obained.

1138/Cal/83 Sri Paritosh Kumar Banerjee (Teacher), J. P. Seth, A type of device for producing Electricity, speed and power.

1139/Cal/83 Maschinenfabrik Rieter A.G. Jet spinning device.

1140/Cal/83 International Standard Electric Corporation. Electronic Power overload protection circuit.

The 19th September 1983

1141/Cal/83 Thai-Han Co., Ltd. New manufacturing method of portland cement.

1142/Cal/83 Shoji Ohota. Process for manufacturing composite products from lignocellulosic materials.

1143/Cal/83 Wilkinson Sword Limited. Razors and shaving units for razors. (Divisional Date 18th June 1982).

hTe 20th September 1983

1144/Cal/83 Metacon AG. Casting mechanism for metal charges.

1145/Cal/83 Allied Corporation. Mounting mechanism for flanged electrical modules and the like.

1146/Cal/83 Personal Products Company. Breathable panty liner.

The 21st September 1983

1147/Cal/83 The Babcock & Wilcox Company. Carbon monoxide detector.

1148/Cal/83 Energy Conversion Devices Inc. Apparatus and method for making large areaphotovoltaic devices incorporating back reflectors.

1149/Cal/83 Research Foundation of the State University of New York. Attractant thermiticidal compounds compositions and methods of use therefor.

1150/Cal/83 Fried. Krupp Gesellschaft mit beschrankter Haftung. Ground covering capable of being rolled up of a traffic surface and vehicles for placing a two-track covering.

1151/Cal/83 Combustion Engineering Inc. Fine particulate feed system for fluidized bed furnace.

1152/Cal/83 Johnson & Johnson Inc. Calendered peat mossboard.

1153/Cal/83 Westinghouse Electric Corporation. Assembly, heat sink for semiconductor,

1154/Cal/83 Xerox Corporation. Device for transferring particulate material. (21st September, 1982).

1155/Cal/83 Xerox Corporation. Sheet feeding apparatus 21st September, 1982).

1156/Cal/83 Xerox Corporation. Copy finishing apparatus (21st September, 1982).

APPLICATIONS FOR PATENTS FILED AT PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING III FLOOR, KAROL BAGH, NEW DELHI-5

The 16th August 1983

555/Del/83 Kanubhai Ambalal Patel, "A twisted strip for steel structures".

556/Del/83 El Paso Polyolefins Company, "Additive-containing polyolefin beads and process for their production."

557/Del/83 Hardigg Industries, Inc., "A composite panel structure" (Divisional date December 24, 1979).

558/Del/83 Avvari Rangaswamy, "Analgesic syringe".

559/Del/83 G. D. Societa Per Azioni, "Production machine for the simultaneous manufacture of continuous cigarette rods".

The 17th August 1983

560/Del/83 Powerfab Limited, "Chassis assembly for mobile machine" (August 23, 1982).

561/Del/83 Ex-Cell-O Corporation, "Flat top end closure for liquid containers".

The 18th August 1983

562/Del/83 Saraswati Prasad Mishra, "Phospho-carbonation technology for cane juice clarification".

563/Del/83 Fuller Company, "Drag chain conveyor and chain link therefore".

564/Del/83 Walker Wingsail System Limited, "An automatic trim control system for wingsails" (August 18, 1982).

565/Del/83 Council of Scientific and Industrial Research, "A process for the synthesis of poly peptide derivatives".

The 19th August 1983

566/Del/83 El Paso Polyolefins Company, "Method of reducing compressor gas leakage".

567/Del/83 William Lyon Sherwood, "Continuous steelmaking and casting" (February 24, 1983).

568/Del/83 Stencel Aero Engineering Corp., "Ejection seal stabilization apparatus".

569/Del/83 Chemische Fabrik Stockhausen GmbH, "Process for the production of polymers" (Divisional date January 23, 1980).

The 23rd August 1983

570/Del/83 Bijoya Krishan Dube, "Improvement of design of air suction tube (venturi) of carburettor for better mixing of fuel and air in the internal combustion engine".

571/Del/83 The Jay Engineering Works Ltd., "A gear box for use with fans".

572/Del/83 D.B.A., "Breaking assistance servomotor with a force amplification system between the piston and the output member".

573/Del/83 The Helcon SD Group, Inc., "Coproduction of aniline and diphenylamine".

574/Del/83 Sultan Singh Jain, "Safe supply controller".

The 24th August 1983

575/Del/83 Aluminum Company of America, "Method and apparatus for production of atomized metal".

576/Del/83 Telefonaktiebotaget L M Erlosson, "Synshronizing system".

577/Del/83 Azionaria Costruzioni Macchine Automatiche-A.C.M.A. Sp. A., "Control device for seal bars in machines for packaging products with wrappers in Heat sealable material".

578/Del/83 Joseph Mccambridge, "Fluit dynamic erosion control unit".

579/Del/83 Allis-Chalmers Corporation, "Heat recovery from a tar laden gas".

The 25th August 1983

580/Del/83 Pall Corporation, "Convoluted plural layer filter assembly".

The 26th August 1983

581/Del/83 ICI Pharma, "Process for the manufacture of cephalozporin derivatives". (Divisional date December 4, 1980).

582/Del/83 R & M Company, "Process for the manufacture of a glass tile".

583/Del/83 Vinay Agarwal, "A device".

584/Del/83 Biren De., "A process for the manufacture of a printing plate'.

585/Del/83 Council of Scientific and Industrial Research, "New and improved process for the preparation of 4-amino-3-nitrobenzophenone with or without N-alkyl substituents".

586/Del/83 Chief Engineer, "A digital analogue clock".

The 29th August 1983

587/Del/83 Mobil Tyco Solar Energy Corporation, "A method of making a silicon cell and the cell made by the method". [Divisional date January 25, 1980].

588/Del/83 Mukhtar Singh, "A transfer apparatus".

The 30th August 1983

589/Del/83 Sodastream Limited, "Bottles". (September 17, 1982).

590/Del/83 Colgate-Palmolive Company, "Dental cream".

591/Del/83 Tesa S. A., "Apparatus for measuring bores".

592/Del/83 General Signal Corporation, "System for generating dry coal weight signal for coal feeder and control system based thereon".

593/Del/83 C-I-L Inc., "Water-in-oil emulsion blasting agents containing unrefined or partly refined petroleum product as fuel component".

594/Del/83 Warner Lambert Company, "Tamper-proof capsules".

595/Del/83 Colgate-Palmolive Company, "Apparatus for filling dispensing containers with a liquid or pastry product".

596/Del/83 Council of Scientific & Industrial Research, "A process for the conversion of noncaking coals and lignites into caking coal".

The 1st September 1983

597/Del/83 Rajendra Kumar Sullerey, "A sliding pin transmission and a partial emission pump for desert coolers".

The 2nd September 1983

598/Del/83 Kronos, Inc., "Time-clock recording and computation apparatus for use with a time and other data card". [Divisional date December 21, 1979].

599/Del/83 Kronos, Inc., "Time-card means adapted for employment in a time clock apparatus and time clock apparatus employing said time-card means" [Divisional date December 21, 1979].

600/Del/83 Kronos, Inc., "Mark-sense apparatus for a time clock recording and computation apparatus adapted to employ a time or other data card" [Divisional date December 21, 1979].

601/Del/83 Kronos, Inc., "Time clock recording and computation apparatus adapted to emply a time or other data card" [Divisional date December 21, 1979].

602/Del/83 LRC Products Limited, "Dipped rubber articles" [Divisional date September 3, 1982].

The 3rd September 1983

603/Del/83 Ram Jiban Bhattacharya, "Musical instrument with 18 or 22 notes per octane".

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH, AT TODI ESTATES, 3RD FLOOR, SUN MILL COMPOUND, LOWER PAREL (WEST)

BOMBAY-400 013

The 25th August 1983

261/Bom/83 Karunesh Kumar Krishnatray Automobile Engine Functions with water as a fuel.

262/Bom/83 Sekiden Co., Ltd., Toy gun and structure of valve fitting Devices in a pump chamber and structure of water discharge pipe & structure of its forming mold of Toy gun.

The 26th August 1983

263/Bom/83 Gopalrao Ramchandra Khadgi. Jacquard machine.

264/Bom/83 Hindustan Lever Ltd., Abarsive Agglomerates for use in scouring cleaning compositions.

The 29th August 1983

265/Bom/83 Robert J. Herschler. Dietary and Pharmaceutical uses of Methylsulfonxlmethane and compositions comprising it.

The 2nd September 1983

266/Bom/83 P. G. Chil Prakash. Water cooling apparatus with refrigeration effect.

267/Bom/83 Jayant Sitaram Thatte & Another. Improved silencer for automobiles.

268/Bom/83 Vijay Madhav Shinde & Narendra Ganpatrao Sankpal. An improved geyser.

The 3rd September 1983

269/Bom/83 Javahar Punamchand Mehta. A new device to open and close hard geletine capsules.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600002

The 5th September 1983

183/Mas/83 T. V. S. Govindasami. Iliagnar Ilakkiya Villayattu.

The 6th September 1983

184/Mas/83 K. G. K. Moorthy, T. K. Usharani and Shri Ram Fibres Limited. Process development for the manufacture of cuprous chloride.

185/Mas/83 K. G. K. Moorthy, H. Sankarasumbramanian & Shri Ram Fibres Limited. N-Ethoxy methylated nylone-6.

186/Mas/83 K. G. K. Moorthy, P. K. Kaushik & H. Sankarasubramanian & Shri Ram Fibres Limited. Development of non-fuming and improved empulsion forming spin finishes for nylon tyre cord industries.

187/Mas/83 T. T. (Private) Limited. An electric pressure cooker with automatic electric shutt off facility.

The 7th September 1983

188/Mas/83 D. M. Joshi. Emergency automobile brakes.

189/Mas/83 N. K. P. Rao, Pressure motor.

The 9th September 1983

190/Mas/83 N. T. Bharadwaj. A device for conserving rain water.

191/Mas/83 The Enfield India Limited. A centrifugal pump driven by a prime mover.

192/Mas/83 A. G. G. Pillai, K. Ravindran & R. Balasubramanyan. Improvements in or relating to anti-fouling paint composition.

The 12th Sepember 1983

193/Mas/83 Srec Chitra Tirunal Institute for Medical Sciences & Technology. Improvements in or relating to blood storage containers or bags.

194/Mas/83 G. Thangiah. A novel box or container for a phonogram or like article.

195/Mas/83 R. Chuwalewala. A cooling unit for electronic control panels.

The 15th September 1983

196/Mas/83 B. R. Kolluri. Improvements in or relating to gas burners.

The 16th September 1983

197/Mas/83 D. V. L. Narayana. Hydraulic motor system (automatic & hand operate).

ALTERATION OF DATE

152125.

(118/Mas/80). Post dated to 26th September, 1981.

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CLASS-68E_1; 133A 152105

Int. Cl. G 05 f 1/00. H 02 p 1/00;

A CONTROL DEVICE FOR REGULATING AN ASYNCHRONOUS ELECTRICAL MACHINE.

Applicants : SIEMENS AKTIENGESELISCHAFT OF BERLIN AND MUNICH, WEST GERMANY.

Inventors : 1. DR. FELIX BLASCHKE AND 2. LEONHARD RENG.

Application No. 286/Cal/80 filed March 13, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

A control device for regulating an asynchronous electrical machine which in use is fed with electricity from a frequency changer comprising a line-commutated rectifier convertor connected to a three-phase current supply system, a direct-current intermediate circuit and a self commutated inverter converter, the control arrangement including a current control path comprising a function generator and a current controller for setting the stator current in dependence upon a desired value by control of rectifier elements of the line-commutated rectifier convertor, which desired value is derived from an input quantity to be applied to the function generator, with given machine flux, the control arrangement also comprising a parallel closed-loop regulating system containing an actual-value computer and a load-state controller for regulating stator frequency of the machine, which regulating system is for supplying a frequency regulating quantity for a control set of the self-commutated inverter convertor in accordance with the deviation between a load state quantity W calculated from the actual values of machine stator current and machine stator voltage, and a load state desired value W^* calculated in dependence upon the input quantity of the function generator, wherein the actual-value computer is adapted to form a quantity proportional to the magnitude Ψ of the machine flux vector Ψ and a quantity proportional to that component Ψ of the stator current vector i which is perpendicular to the flux vector, and is arranged to apply the quantity proportional to the flux vector magnitude to the divisor input of a dividing element and the quantity proportional to the perpendicular stator current component to the dividend input of said dividing element, the dividing element being arranged to apply its output quantity as actual value W for the load state controller, the arrangement being such that in use a corresponding quantity derived from the input quantity of the function generator is applied to the said load state controller as desired value W^*.

(Compl. Specn. 25 pages. Drgs. 2 sheets).

CLASS-80C. 152106

Int. Cl. B 01 d 25/12.

BAND FILTER PRESS

Applicants : HEIN LEHMANN AG. OF FIGHTENSTRASSE 75, D-4000 DUSSELDORF, WEST GERMANY.

Inventors : 1. HANS JOACHIM ALTMEYER AND 2. JOSEF GEBEL.

Application No. 296/Cal/80 filed March 15, 1980.

Appropriate Office for Opposition Proceedings (Rule 4 Patents rules, 1972) Patent Office, Calcutta.

14 Claims

A band filter press comprising a lower and an upper endless filter band and a lower and upper endless support band, a pressing section being defined between the two filter bands the two upper bands abutting one another and the two lower bands abutting one another in the pressing sections, the abutting bands being supported against an upper and a lower row of rollers, characterised in that the lateral edges of th pressing section being sealed, wherein each end of the upper or the lower rows of rollers has a further row of rollers secured thereto, which further row of rollers act on the edge region of either the upper or lower bands so as to bend them towards the other bands and to press them there against.

(Compl. specn. 14 pages. Drgs. 2 sheets).

CLASS-107J. 152107

Int. Cl. F 02 n 5/00.

ACTUATORS FOR STARTERS OF INTERNAL COMBUSTION ENGINES.

Applicants : SOCIETE DE PARIS ET DU RHONE OF 36 AVENUE JEAN MERMOZ 69008 LYON, FRANCE.

Inventors : ALFRED BRUNO MAZZORANA.

Application No. 262/Cal/80 filed March 6, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

An actuator for starter of an internal combustion engine having a collar provided with lateral ear-shaped portions on which the actuating lever acts is mounted on its sleeve, wherein this sleeve comprises a bearing surface limited by two flanges between which said collar is mounted.

(Compl. specn. 10 pages. Drgs. 3 sheets).

CLASS-145 C & D. 152108

Int. Cl. D 21 h 1/00.

PAPER MACHINE FOR MAKING A MULTI-PLY WEB AND METHOD THEREFOR.

Applicants : BELOIT CORPORATION, OF BELOIT, WISCONSIN 53511, U.S.A.

Inventors : JAN I. BERGSTROM.

Application No. 398/Cal/80 filed April 5, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

In a paper machine for making a multi-ply web from stocks having a slurry of fibres in a liquid carrier, the combination comprising :

a headbox having a lower wall and an upper wall and an upper chamber and a lower chamber for fibrous stocks to form outer surface plies for a finished web;

said headbox having an intermediate chamber for fibrous stocks for an intermediate ply between said outer plies;

first and second stock delivery means connected respectively to said upper and lower chambers for delivering fibrous stocks for the surface plies;

an intermediate stock delivery means connected to said intermediate chamber for delivering a high consistency stock thereto·

a slice chamber extending from the headbox having upper and lower slice walls and having a slice opening to discharge onto a forming surface, said since chamber having an upper and a lower slice portion connected to receive stock from said upper and lower headbox chambers;

and an intermediate portion of the slice chamber between said upper and lower portions defined by upper and lower intermediate slice walls having facing undulating surfaces so that the high consistency stock will flow through a tortuous path before being discharged onto the forming surface between the layers issuing from said upper and lower portions.

(Compl. specn. 11 pages. Drg. 1 sheet).

CLASS-24B. 152109

Int. Cl. F 16 h 13/00.

A PROCESS FOR PREPARING SINTERED IRON-BASED FRICTION MATERIAL.

Applicants : NAUCHNO-ISSIE DOVATELSKY INSTITUT POROSHKOVOI METALLURGII BELORUSSKOGO POLITEKHNICHESKOGO INSTITUTA OF MINSK ULITSA PLATONOVA, 41, USSR.

Inventors : 1. VALERY ANTSELEVICH GENKIN, 2. EVGENY MIKHAILOVICH KOMAROV AND 3. EFIM IZRAILEVICH FISHBEIN.

Application No. 409/Cal/80 filed April 8, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A process for preparing a friction material which comprises subjecting to sintering at sintering temperatures an iron-based composition comprising copper, nickel sulphate, graphite, and pyroceramic, characterised in that asbestos, calcium disilicide, silicon, silicon carbide, and iron disilicide are introduced into the composition, the ratio of the components, in percent by mass, being as follows :

copper—1 to 5.
nickel sulphate—3 to 6.
graphite—4 to 8.
pyroceramic—1 to 3.
calcium disilicide—3 to 10.
cilicon—0.4 to 2.
silicon carbide—0.2 to 1.
iron disilicide—0.2 to 2.
asbestos—0.5 to 5.
The balance being iron.

(Compl. specn. 15 pages. Drg. nil).

CLASS-74; 119B; 155A, B & D. 152110

Int. Cl. B 29 h 7/22.

A METHOD FOR MANUFACTURING SOLID WOVEN BELTINGS.

Applicants : J. H. FENNER & CO. LTD. of MARFLEET HULL HU9 5RA, NORTH HUMBERSIDE, ENGLAND.

Inventors : 1. GILBERT ERNEST WATTS, 2. JEAN ROBINSON.

Application No. 550/Cal/80 filed May 9, 1980.

Convention date, 10th May, 1979 (16288/79), U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

A method for manufacturing solid woven beltings which comprises weaving a textile fabric carcass having a plurality of integrally woven layers of weft and subsequently impregnating and coating said carcass with a polymeric material, the method further comprising weaving a textile fabric carcass having at least five integrally woven layers of weft comprising upper and lower outermost plies, intermediate plies and a center ply, the carcass being so woven that each warp yarn passes around a weft yarn in one of said outermost plies, between two adjacent weft yarns in one of said intermediate plies disposed between said one of said outermost plies and the center ply and around a weft yarn in said center ply whereby all the warp yarns define a plurality of continuous flow paths along which the impregnant can travel from the outer surfaces of the carcass to the interior core and each of said warp yarns defines such a path whereby the weft layers are interlocked solely by dual function warp yarns, all of which serve simultaneously to impart tension resistant strength to the fabric.

(Compl. specn. 11 pages. Drgs. 2 sheets).

CLASS-172D. 152111

Int. Cl. D 01 d 7/00.

PROCESS AND APPARATUS FOR PRODUCING YARN FROM CONTINUOUS FILAMENTS.

Applicants : METALLGESELLSCHAFT A.G. OF 16, FRANKFURT A. M. REUTERWEG, WEST GERMANY.

Inventors : 1. DR. ROMAN HOFFMEISTER AND 2. HEINZ SCHUTTRIGKEIT.

Application No. 800/Cal/80 filed July 11, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A process of producing yarn from continuous filaments made from polyester, polyamide or polypropylene, which filaments emerge from spinning nozzles and are cooled by a gas blown on the filaments in a cooling zone and are subsequently bundled, provided with a processing aid and drawn off at velocities of 3000 to 6000 meters per minute, characterized in that the filaments which have left the cooling zone are passed through a nozzle and a succeeding guide tube, gas flows through the nozzle and the guide tube and the filaments are moved through said nozzle and guide tubes in the same direction as the flow of the said gas and emerge from the guide tube in bundled form as a yarn.

(Compl. specn. 13 pages. Drgs. 1 sheet).

CLASS-93. 152112

Int. Cl. B 01 j 2/04.

GRANULATION PROCESS AND APPARATUS THEREFOR.

Applicants : MITSUI TOATSU CHEMICALS, INCORPORATED AND TOYO ENGINEERING CORPORATION OF 2-5 KASUMIGASEKI 3-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventors : 1. SUSUMU NIOH, 2. HIROSHI HIRAYAMA, 3. TETSUZO HONDA, 4. TAKASHI NAGAHAMA AND 5. MASAKI NARUO.

Application No. 1281/Cal/80 filed November 17, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A process of manufacturing large diameter granule comprising the steps of dropping as liquid droplets the melt of a first fertilizer substance as hereinbefore described solidifiable by cooling or drying through a cooling zone having a sufficient height to solidify the said liquid droplets by the counter current contact with a cooling gas stream for cooling or drying which stream has resulting from both fluidizing gas and jet gas streams as undermentioned; spraying under pressure as fine liquid grains the melt of a second fertilizer substance as hereinbefore described solidifiable by cooling or drying which second substance is same as or different from the first substance into a jet gas stream flowing upwardly through openings at the base of the said fluidized bed, thereby forming a spouted bed of the said solidified droplets above the said openings which droplets have emigrated from the neighbouring fluidized bed to the said openings; coating and enlarging the said solidfied droplets with the said fine grains inside the said spouted bed to form larger diameter granules; and discharging the said large diameter granules from the fluidized bed.

(Compl. specn. 15 pages. Drgs. 2 sheets).

CLASS-145 B, 176 I. 152113

Int. Cl. F 22 b 7/12; 25/00.

IMPROVED BLACK LIQUOR FIRED BOILER FOR PULP AND PAPER MILL FOR RECOVERY OF WASTE HEAT FROM THE FLUE GAS.

Applicants : PRESSELS PVT. LTD. OF MADHUPATNA, CUTTACK-753010, ORISSA, INDIA.

Inventors : SUBIMAL CHANDRA MULLICK.

Application No. 94/Cal/81 filed January 28, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

An improved black liquor fired boiler for pulp and paper mill for recovery of waste heat from the flue gas comprising a water tube boiler with tubular water wall of pannel structure which is characterised by that, near to the furnace top, stream tubes situated at one side of the furnace are bent and projected inward in the for of 'U' forming a screen in the passage of the flue gas arresting the free flow of the flue gas in the first stage of its flow thereby bringing down its temperature; a convection bank having an upper steam drum and a lower muddrum connected by vertical steam tubes housed inside a chamber through which the flue gas is passed in a downward direction in its second stage thereby transferring heat generating further steam and dropping of carry over ash which is collected in ash hoppers situated below the lower muddrum; and an economiser and a cyclone evaporator of known types mounted serially next to the convection bank in the final flow of the flue gas, the economiser for further heat transfer and collection of carry over gas and in the cyclone evaporator further heat utilization is achieved where along with the flue gas black liquor of lower concentration is injected and with the help of heat available from the flue gas the moisture of the black liquor is evaporated considerably and the black is fed into the thick black liquor tank from which black liquor is fed into the said main boiler.

(Compl. specn. 8 pages. Drg. 1 sheet).

CLASS-113 I. 152114.

Int. Cl. F 21 m 11/00.

HIGH CONTRAST LAMP ASSEMBLY.

Applicants : LUCAS INDUSTRIES LIMITED OF GREAT KING STREET, BIRMINGHAM, B19 2XF, ENGLAND.

Inventors : STANLEY GREEN.

Application No. 545/Cal/79 filed May 28, 1979.

Convention date. 30th May, 1978 (24567/78) U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

A lamp assembly comprising a first lens element which includes a multiplicity of individual lenses, a baffle disposed in front of the first lens element and comprising a multiplicity of light-transmitting portions each of which is disposed on the optical axis of a respective one of the lenses, the remainder of the baffle being light-absorbing or opaque, each lens being arranged to focus a pencil of light rays in the vicinity of the respective light-transmitting portion, the latter being limited in its extent to that necessary to transmit substantially the whole of said pencil of light rays, and a cover positioned on the opposite side of the baffle to the first lens element, the cover forming an external surface of the lamp assembly and having lensing thereon, there being no other optical focussing elements between the baffle and the cover.

(Compl. specn. 14 pages. Drgs. 2 sheets).

CLASS-128 I. 152115

Int. Cl. A 62 b 18/10.

EXPIRATORY VALVE.

Applicants : VEB KOMBINAT MEDIZIN-UND LABORATECHNIK LEIPZIG OF FRANZ-FLEMMMING-STRASSE 43-45, 7035 LEIPZIG, EAST GERMANY.

Inventors : 1. WALTER GORNER, 2. HORST SCHURIG AND 3. RUDOLF MULLER.

Application No. 660/Cal/79 filed June 27, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

Expiratory valve with an antechamber which is situated in a membrane and which is covered by a cap which consists, in the outside central part, of several radially situated ribs of which the broad sides are connected to each other end of which the narrow sides are attached to the screw-or catch part and in range of its orifice defining the diaphragm stroke with intermittent expiration, characterized in that the ribs (3) are trapexoid-shaped so as to provide a conical shape to the internal central part of the covering cap which corresponds to the opened position of the membrane (2).

(Compl. specn. 9 pages. Drg. 1 sheet).

CLASS-32 F_1; 32 F_{2a} 152116

Int. Cl. C 07 c 93/14.

PROCESS FOR PRODUCING 2-AMINO-4-ACYLAMINO PHENOXY ALKYL OR PHENYL COMPOUNDS.

Applicants : SUMITOMO CHEMICAL COMPANY LIMITED OF 15, KITAHAMA 5-CHOME, HIGASHI-KU, OSAKA, JAPAN.

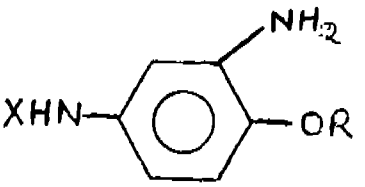
Inventors : 1. YOZO FUJII, 2. HIROMICHI YAMAGUCHI, 3, KAZUHIRO TADA, 4. TATSUO KANEOYA, 5. TAKESHI TAKATA AND 6. NORIO KOTERA.

Application No. 710/Cal/79 filed July 10, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

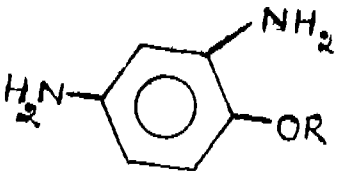
10 Claims

A process for producing a 2-amino-4-acylamino phenoxy alkyl or phenyl compound of the formula 1



Formula 1

wherein R is a C_1-C_6 alkyl group, a halogen-, C_1-C_3 alkoxy-phenyl- or phenoxy-substituted C_1-C_4 alkyl group or a phenyl group unsubstituted or substituted with one or two substituents selected from halogen atoms, C_1-C_4 alkyl groups, C_1-C_4 alkoxy groups and acylamino groups, and X is an acyl group, which comprises reacting a 2, 4-diamino phenoxy alkyl or phenyl compound of the formula 2



Formula 2

wherein R is as defined above, with an acylating agent in the presence of a solvent comprising an N-substituted amide or a lower aliphatic acid or a mixture containing said N-substituted acid amide.

(Compl. specn. 25 pages. Drg. 1 sheet).

CLASS-129 N. 152117

Int. Cl. B 23 K 1/00.

PROCESS FOR FASTENING CABLES OR THE LIKE TO THE UPPER SIDE OF A WORK PIECE OF METAL AND A DEVICE FOR CARRYING OUT THE PROCESS.

Applicants : ELEKTRO-THERMIT GMBH OF GERLINGSTR. 65, 4300 ESSEN, WEST GERMANY.

Inventors : DR. HANS GUNTERMANN.

Application No. 786/Cal/79 filed July 30, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

Process for fastening cables or ropes to the surface of a work piece of metal, in particular electrical conductors to wheel-bearing track members, such as rails, by soldering, characterised in that a 1 to 5 mm thick metallic bearing plate is placed on the work piece, a soldering layer being arranged between the bearing plate and the work piece, the cable, rope or the like is then welded aluminothermically on to the upper side of the bearing plate in a manner known *per se* and, because of the heat being removed from the aluminothermically-produced reaction material, the solder is melted and the bearing plate is soldered to the work piece.

(Compl. specn. 11 pages. Drgs. 2 sheets).

CLASS-32 F_{25}; 55 D_3; 62A_1. 152118

Int. Cl. C 07 d 55/42.

A PROCESS FOR THE PREPARATION OF AQUEOUS SUSPENSION OR SOLUTIONS OF CYANURIC CHLORIDE.

Applicants : DEUTSCHE GOLD-UND SILBER SCHEIDEANSTALT VORMALS ROESSLER OF 9 WEISSFRAUENSTRASSE FRANKFURT (MAIN) FEDERAL REPUBLIC OF GERMANY.

Inventors : 1 DR. KLAUS HENTSCHEL 2 DR. FRIEDRICH BITTNER, 3. DR GERD SCHREYER.

Application No. 896/Cal/79 filed August 29, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A process for the preparation of aqueous suspension or solution of cyanuric chloride wherein cyanuric chloride is contacted with water characterised in that liquid cyanuric chloride which is free from chlorine and cyanogen chloride and is at its fusion temperature is sprayed downwards through a spraying nozzle, preferably in the presence of an inert gas, said nozzle being provided in the upper part of tubular container as described and claimed in Indian Patent specification 150808, the other component namely water is introduced through one or more nozzles into said container above the level of the 'S'-shaped tapering region of the said container, the water being introduced tangentially in one or more jets through the said nozzles, the jets of water being tangentially introduced upwards towards the said spray of liquid cyanuric chloride, the sprayed liquid cyanuric chloride thereby building up or forming a liquid layer of same throughout the entire zone along the walls of the container, the layer of liquid cyanuric chloride being thicker in the said 'S'-shaped region than in the other parts of the container, the two streams namely that of liquid cyanuric chloride and water, thereby mixing intimately with each to produce the required aqueous suspension or solution of cyanuric chloride.

(Compl. Specn. 20 pages. Drgs. 2 sheets).

CLASS-32F_{15}; 55D_2. 152119

Int. Cl. A 01 n 9/00; C 07 d 55/00.

A PROCESS FOR PRODUCING SUBSTITUTED 2-MERCAPTO-4, 6-DICHLORO-S-TRIAZINES.

Applicants : DEUTSCHE GOLD-UND SILBER SCHEIDEANSTALT VORMALS ROESSLER OF 9 WEISSFRAUENSTRASSE, FRANKFURT (MAIN), FEDERAL REPUBLIC OF GERMANY.

Inventors : 1. DR. KLAUS HENTSCHEL AND 2. DR. FRIEDRICH BITTNER.

Application No. 899/Cal/79 filed August 29, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A process for the manufacture of substituted 2-Mercapto-4, 6-chloro-S-Triazines by reacting cyanuric chloride with required Mercaptan or Mercaptans yielding compounds in the presence of an acid binding agent characterized in that liquid cyanuric chloride, which is free from chlorine and cyanogen chloride and is at its fusion temperature, is sprayed downwards through a spraying nozzle, preferably in the presence of an inert gas, said nozzle being provided in the upper part of a tubular reactor as described and claimed in Indian Patent Specification No 150808, the other reaction component/s is introduced through one or more nozzles into said reactor and above the level of the 'S'-shaped tapering region of the said reactor, the said other reactant/s being introduced tangentially in one or more jets through the said nozzle, the jets of other reactant/s being tangentially introduced upwards towards the said spray of liquid cyanuric chloride, the sprayed liquid cyanuric chloride thereby building up or forming a liquid layer of same throughout the entire zone along the walls of the reactor, the layer of liquid cyanuric chloride being thicker in the said 'S'-shaped region than in the other parts of the reactor.

(Compl. Specn. 13 pages Drgs. 2 sheets).

CLASS-5B. 152120

Int. Cl. A 01 g 3/00.

PRUNING SAW FOR THE TRIMMING OF STANDING TREES.

Applicants : OY FISKARS AB OF MANNERHEIMINTIE 14 A. 00100 HELSINKI 10. FINLAND.

Inventors : 1. STIG NORDMAN AND 2. PAULI NYKANEN.

Application No 87/Cal/80 filed January 24, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

4 Claims

Pruning saw intended for the trimming of standing trees, consisting of a saw blade, a handle provided with telescopic extension, and a feed means, characterized in that saw blade (2), which has been affixed to the top end of the handle (1), when the handle is being pulled downwardly, is urged against the branch (13) (with that force which is determined by the cutting power of the saw blade); this owing to the fact that the feed means (5), the hook-shaped part (7) of which holds the branch, has been pivoted (6) to the top end of the telescopic extension (3) at a point located behind the sawing line and below the plane of the branch.

(Compl. specn. 7 pages. Drg. 1 sheet).

CLASS-142 B_2. 152121

Int. Cl. F 21 b 43/00.

A METHOD FOR RECOVERING OIL FROM AN OIL-BEARING FORMATION.

Applicants : BUCKMAN LABORATORIES, INC. OF 1256 NORTH McLEAN BOULEVARD, MEMPHIS, TENNESSEE, 38108, U.S.A.

Inventors : 1. ROBERT HENRY BUCKMAN, 2. MIGUEL LAZARO PULIDO AND 3. PETER JOHN YOUNG.

Application No. 622/Cal/80 filed May 27, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

21 Claims

A method for recovering oil from an oil-bearing formation which comprises introducing into said formation to displace the oil contained therein a fluid carrier containing from about 0.25 to about 100 parts by weight of an N, N-dimethylamide of a straight chain carboxylic acid per million parts of said fluid carrier; characterized in that said carboxylic acid contains from 12 to 18 carbon atoms.

(Compl. specn. 14 pages. Drgs. Nil).

CLASS-172 C_3. 152122

Int. Cl. D 01 c 1/04.

AN IMPROVED METHOD FOR RETTING JUTE AND ALLIED PLANTS.

Applicants : INDIAN JUTE INDUSTRIES RESEARCH ASSOCIATION OF 17, TARATOLA ROAD, CALCUTTA-700088, WEST BENGAL, INDIA.

Inventors : 1. DR. R. G. BOSE, 2. B. K. CHATTERJEE, 3. A. K. DUTTA, 4. S. K. CHAKRABORTY, 5. DR. B. L. GHOSH & 6. DR. S. N. BHOSE.

Application No. 68/Cal/81 filed March 21, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

8 Claims

An improved method for retting jute and allied plants for production of superior quality fibres and shortening the period of retting the plants in submerged condition in a water pool, the improvement comprising malleting or mild crushing by hand or by crushing machine the green stems of the said plants at their root sides thereby crushing the outer bark at several points making the signs of crack and fissures visible but leaving the central woody core intact, and then followed by treatment of the crushed portions of the stem with an aqueous solution of urea before putting the plants in the water pool, enabling the fibre separation process to complete in a shorter time.

(Compl. specn 15 pages. Drg Nil).

CLASS-94G. 152123

Int. Cl. B 02 c 23/00.

FEEDER OF BULK MATERIALS.

Applicants : VSESOJUZNY NAUCHNO-ISSLEDOVATELSKY I PROEKTNO-KONSTRUK-TORSKY INSTITUT ATOMNOGO ENERGETICHESKOGO MASHINOSTROENIS OF NARYSHKINSKAYA ALLEYA, 5, MOSCOW, USSR.

Inventors : 1. VLADIMIR PETROVICH GLEBOV, 2. GEORGY VLADIMIROVICH KRIVTSOV, 3. JURY VASILIEVICH DANCHENKOV, 4. SERGEI ALEXANDROVICH KHUKHRY, 5. STANISLAV MIKHAILOVICH BEZBORODOV, 6. SERGEI GRIGORIEVICH SCHEPOTIN.

Application No. 169/Cal/81 filed February 13, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A feeder of bulk materials (Fuels), comprising a batcher having an inlet tube disposed in the top part thereof, an outlet tube disposed in the bottom part thereof, end-face walls of the inlet tube being made adjustable in inclination, a table mounted horizontally below the inlet tube and incorporating bands for conveying of bulk material supplied from the inlet tube, said bands being actuated by two shafts along a short wall of the inlet tube, a layer control disposed inside the batcher beside the inlet tube and a conveyor arranged below the batcher and serving to receive bulk material supplied from the outlet tube of the batches.

(Compl. specn. 17 pages Drgs. 2 sheets).

CLASS-130 F. 152124

Int. Cl. B 01 13/00.

BREECH-PLATE UNIT FOR A SLIDING LOCK.

Applicants : STOPPING AKTIENGESELLSCHAFT OF CH-6340 BAAR, ZUGER STR. 76A, SWITZERLAND.

Inventors : 1. ALFRED HAFNER, 2. UDO MUSCHNER.

Application No. 311/Cal/81 filed 21 March, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

Breech-plate unit for a sliding lock, with a fireproof plate possessing a sliding surface and at least one discharge opening, which plate is let into a sheetmetal jacket, which in turn possesses a bottom surface situated opposite the said sliding surface and perforated in the vicinity of the discharge opening as well as an edge connected with it, that surrounds the fireproof plate at the periphery, characterized thus, that the bottom surface of the sheetmetal jacket possesses several openings spaced from one another and from the edge by strips of surface, at which are exposed areas of the fireproof plate oriented with precision in relation to the sliding surface which areas are intended to rest on a metallic frame accommodating the plate unit.

(Compl. specn. 14 pages, Drgs. 2 sheets).

CLASS-72B. 152125

Int. Cl. C 06 b 15/00.

AN IMPROVED METHOD OF PREPARING A BLEND OF AN OXIDISER, A SENSITIZER AND A FUEL IN A LIQUID PHASE FOR THE MANUFACTURE OF SLURRY EXPLOSIVES THEREFROM.

Applicant : IDL CHEMICALS LIMITED, SANATNAGAR (I.E.), P.O., HYDERABAD-500 018, ANDHRA PRADESH.

Application No. 118/Mas/80 filed June 26, 1980.

Complete specification left September 26, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims

An improved method of preparing a blend of an oxidiser, a sensitizer and a fuel in a liquid phase for the manufacture of slurry explosives therefrom comprising the reaction of a solution of formaldehyde and ammonium nitrate as claimed in Indian Patent No. 140647 characterised by the application of an electric potential across two electrodes immersed in the said solution of formaldehyde and ammonium nitrate, whereby an increase in the current reduces the time of the said reaction without any residual formaldehyde.

(Prov.-3 pages; Com.-3 pages).

CLASS-42F$_1$, F2$_2$(b), 55E$_4$. 152126.

Int. Class:—A61k-27/100 & Co7d-91/34.

"A PROCESS FOR THE PREPARATION OF AMINO-THIAZOLES".

Applicant :—PFIZER INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 235 EAST 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.

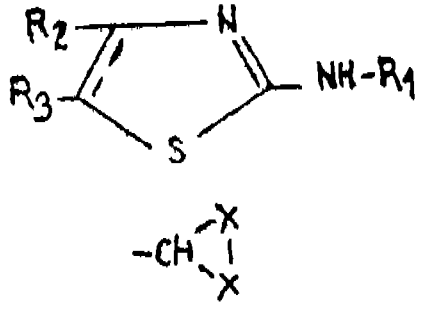
Inventor :—JOSEPH GEORGE LOMBARDINO.

Application No. 293/Del/79 filed on 2nd May, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

6 Claims

A process for the preparation of a compound of the formula-I.



and the pharmaceutically acceptable acid addition salts thereof wherein R_1 is selected from the group consisting of the radical of the formula shown in Fig. 1,-$(CH_2)_2$-X-CH_2-CH_2-NH-X and -$(CH_2)_m$-Y wherein X is selected from the group consisting of phenyl and monosubstituted phenyl, said substituent of the monosubstituted phenyl being selected from the group consisting of alkyl of 1 to 3 carbon atoms, hydroxymalkoxy of 1 to 3 carbon atoms, chloro, bromo and fluoro;

Y is selected from the group consisting of thienyl, monosubstituted thienyl, furyl and monosubstituted furyl, said substituent of the monosubstituted thienyl and furyl being selected from the group consisting of alkyl of 1 to 3 carbon atoms, chloro, bromo and fluoro;

m is an integer from 1 to 2;

R_3 is selected from the group consisting of phenyl, thienyl and monosubstituted phenyl, said substituent of the monosubstituted phenyl being selected from the group consisting of alkyl of 1 to 3 carbon atoms, hydroxy, alkoxy of 1 to 3 carbon atoms, chloro, bromo and fluoro;

and R_2 is selected from the group consisting of hydrogen, alkyl of 1 to 3 carbon atoms, phenyl and monosubstituted phenyl, said substituent of the monosubstituted phenyl being selected from the group consisting of alkyl of 1 to 3 carbon atoms, alkoxy of 1 to 3 carbon atoms, bromo, chloro and fluoro, characterized in that an appropriately substituted

$$S_3$$
$$\|$$

N-aralkyl thiourea of the formula R_1NHCNH_2, or, optionally when R_1 is a radical of the formula shown in Fig. 1 a bis-substituted N-aralykl thiourea of the formula

$$S$$
$$\|$$

$R_1NHCNHR_1$, where R_1 and X are as previously defined is reacted with an alphahalo carbonyl compound of the formula $R_2COCH(Z)R_3$, wherein R_2 and R_3 are as previously defined and Z is halo in an atmosphere of nitrogen and, if desired, converting the compound of formula I by known methods to a pharmaceutically acceptable acid addition salts.

(Compl. specn. 25 pages. Drg. 1 sheet).

CLASS-120 A & 6A$_2$. 152127.

Int. Class :—F16n-19/00.

"BOWL FOR COMPRESSED AIR OR GAS FILTER OR LUBRICATOR".

Applicant : IMI NORGREN LIMITED, A BRITISH COMPANY, OF SHIPSTON-ON-STOUR, WARWICKSHIRE, ENGLAND.

Inventor : ROGERS EVERT KNIGHT.

Application for Patent No. 335/Del/79 filed on 16 May, 1979. Convention date 31st May, 1978/(25373/78)/U.K.).

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-110005.

16 Claims

A bowl assembly for a compressed air or gas filter or lubricator, comprising a rigid outer bowl and a flexible inner bowl, the outer bowl being formed from a ranslucent or transparent material of high impact strength as hereinbefore defined, said outer bowl supporting and protecting the inner bowl, the inner bowl being formed from a translucent or transparent material having high resistance to solvent and/or chemical attack as hereinbefore defined, and the outer bowl having a vent or vents in its wall for venting the space between the bowls to atmosphere.

(Compl. specn. 15 pages Drg. 1 sheet).

CLASS-130 F. 152128.

Int. Class : C22b 1/02.

"PYROMETALLURGICAL SMELTING OF AN OXIDIC CHARGE CONTAINING LEAD AND COPPER".

Applicant : METALLURGICAL PROCESSES LIMITED, A COMPANY INCORPORATED IN THE BAHAMAS, WHOSE REGISTERED OFFICE IS SITUATED AT TRUST CORPORATION OF BAHAMAS BUILDING, WEST BAY STREET, NASSAU, BAHAMAS, AND I.S.C. SMELTING LIMITED, A BRITISH COMPANY, OF 6 ST. JAMES'S SQUARE, LONDON, SW1Y 4LD, ENGLAND, CARRYING ON BUSINESS TOGETHER IN THE BAHAMAS UNDER THE NAME AND STYLE OF METALLURGICAL DEVELOPMENT COMPANY AT TRUST CORPORATION OF BAHAMAS BUILDING, WEST BAY STEET, NASSAU, BAHAMAS.

Inventor : MAURICE REGINALD SMITH.

Application for Patent No. 336/Del/79 filed on 16th May, 1979. Convention date 31st May, 1978/(24714/78)/(U.K).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

8 Claims

A method of smelting an oxidic charge containing lead and copper in a blast furnace, wherein molten lead bullion flowing to the furnace bottom and containing at least 8 per cent by weight of copper is diluted with metallic lead of lower copper content in the furnace or in the furnace forehearth.

(Compl. specn. 11 pages. Drg. 1 sheet).

CLASS-129G & 9D. 152129.

Int. Class : C22 33/00.

"A METHOD OF PRODUCING POWDER METALLURGY ARTICLE".

Applicant : COLT INDUSTRIES OPERATING CORP., FORMERLY KNOWN AS CRUCIBLE INC., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELWARE, UNITED STATES OF AMERICA, OF P.O. BOX 88, PARKWAY WEST & ROUTE 60, PITTSBURGH, PENNSYLVANIA 15230, UNITED STATES OF AMERICA.

Inventors : WALTER THOMAS HASWELL & AUGUST KASAK.

Application for Patent No 338/Del/79 filed on 16th May, 1979, Convention date 9th March, 1979/(7908321)/(U.K).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

5 Claims

A method of producing a powder metallurgy article such as herein described comprising obaining a powder alloy consisting essentially of, in weight percent, manganese .2 to 1.5, silicon 2 max., chromium 1.5 to 6, molybdenum .50 to 6, sulfur .30 max., vanadium 6 to 11, carbon 1.6 to 2.8, balance iron and incidental elements and impurities characteristic of steelmaking practice and compacting said alloy to produce an article having a dispersion of substantially all MC-type vanadium carbides within the range of 10 to 18 percent by volume, said carbides being substantially spherical and uniformly distributed, said carbon being balanced with the chromium, molydenum and vanadium to provide sufficient carbon to permit said article to be heat treated to a hardness of at least 56 R_c.

(Compl. specn. 27 pages. Drg. 4 sheets).

CLASS-98E & 135. 152130.

Int. Class : F01k-7/00.

"A THERMAL ENERGY CONVERTING ASSEMBLY".

Applicant : PETER ANTHONY HOCHSTEIN, of 14020 FIFTEEN MILE ROAD, STERLING HEIGHTS, MICHIGAN 48077, U.S.A. A CITIZEN OF UNITED STATES OF AMERICA.

Inventor : PETER ANTHONY HOCHSTEIN.

Application for Patent No. 349/Del/79 filed on 18th May, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

12 Claims

A thermal energy converting assembly comprising : at least one temperature-sensitive element made of material which exhibits shape memory due to thermoelastic, martensitic phase transformation; reaction means such as herein defined movable with said element for applying a stress to said element to strain said element during a first phase of said element material and for responding to the unstraining of said element during a second phase of said element material and stress limiting means disposed between said reaction means and said element for limiting the strain of said element during said second phase whereby the strain upon the element is greater during the first phase than during the second phase.

(Compl. specn. 21 pages. Drawings. 7 sheets).

CLASS : 151 F, A. 152131.

Int. Cl : C 04 b 35/00.

"METHOD AND KILN FOR MAKING CYLINDRICAL CERAMIC ARTICLES".

Applicant : The Hepworth Iron Company Limited, a British Company of Hazlehead, Stocksbridge, Sheffield S30 5HG, England.

Inventor : JOHN FREDERICK BOOTH.

Application No. 351/Del/79 filed on 21st May, 1979.

Convention date 26th May, 1978/(23046/78/(U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

22 Claims.

A method of making fired cylindrical ceramic articles, in which the articles are fired in a kiln through which the articles travel individually, the articles being transported through the kiln by conveying means having members which separate and control the translation of individual articles, said members moving along the kiln, and in which, over at least that part of the length of the kiln in which the articles are at their greatest temperature, the articles roll along a surface provided in the kiln, and over a further part of the length of the kiln, the articles are carried by the conveying means without rolling.

(Complete specification 12 pages. Drawing 2 sheets).

CLASS : 149-D, F, 27-I, 174F, G. 152132.

Int. Cl. : E 02 d 27/12.

"BEARING ASSEMBLY ADAPTED TO BE INTERPOSED BETWEEN A STRUCTURE AND ITS SUPPORT FOR EXAMPLE THE FOUNDATIONS OF A STRUCTURE".

Applicant : FREYSSINET INTERNATIONAL (STUP), a French company of 66 route de la Reine, 92100 Boulogne-Billancourt, France.

Inventors : PIERRE XERCAVINS GUARRO & MICHEL POMPEI.

Application for patent no. 356/Del/79 filed on 21st May, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

6 Claims.

A bearing assembly adapted to be interposed between a structure and its support, for example the foundations of the structure, the assembly comprising a stack of parallel imperforate metal sheets, a layer of vulcanized elastic elastomer between each two adjacent metal sheets, and in each said layer substance comprising a vulcanized visco-elastic elastomer adhering to adjacent metal sheets and having a damping action against distortion of the assembly, said substance extending in each layer between the two associated metal sheets and being enclosed in the layer by the elastic elastomer.

(Complete specification 14 pages. Drawing 2 sheets).

CLASS : $32F_3(a)$. 152133.

Int. Cl. : C 07 c 91/00.

"PROCESS FOR THE PREPARATION OF NEW PHENOXY ALKYLAMIDES".

Applicant : SOCIETE D'ETUDES DE PRODUITS CHIMIQUES, a French Company, of 4, rue Theodule Ribot, 75017, Paris, France.

Inventor : ANDRE ESANU.

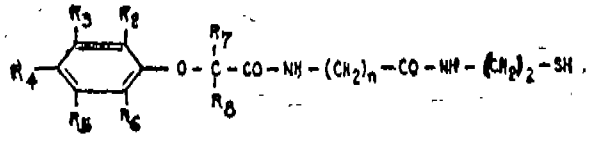
Application for patent No. 360/Del/79 filed on 22nd May, 1979.

Convention date 22nd June, 1978/(4821/78)/(Australia).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

2 Claims.

A process for the preparation of the new phenoxy alkylamide derivatives of the formula I



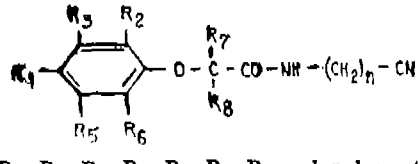
wherein at least one of the R is not hydrogen, with :

—R_3 and R_2 each stand for H, lower alkyl up to C_5 or tertiobutyle,

—R_2 and R_6 each stand for H, lower alkyl up to C_5 or $-SO_2NH_2$.

—R_4 stands for H, lower alkyl or alkoxy up to C5 aryl or aryloxy group, halogen, a hydroxy group or $-SO_2NH_2$,

—R_7 and R_8 each stand for H, a lower alkyl group up to C_5, and n is an integer from 2 to 5 included, consisting in reacting a phenoxy alkyl carbamoyl alkyl cyanide of the formula II



wherein R_3, R_2, R_4, R_5, R_6, R_7, R_8 and n have the meanings given above on an excess of cysteamine in a polar solvent

such as herein described at the boil and then treating the compound thus obtained at a temperature from 40-80°C by a 0.1N hydrochloric solution.

(Complete specification 5 pages. Drawing 1 sheet).

CLASS : 146 c & 190 D. 152134.

Int. Cl. : G 01 p 5/00, 13/02.

"WIND GAUGE"

Applicant : MASCHINENFABRIK AUGSBURG-NURNBERG AKTIENGESELLSCHAFT, a German company of Dachauer Strasse 667, 8000 Munchen 50, Federal Republic of Germany.

Inventors : FRIEDRICH KORBER & KLAUS KAIBA.

Applicaion for patent no. 361/Del/79 filed on 22nd May, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

9 Claims.

A wind gauge comprising a wind-driven rotor connected to a shaft the rotational speed of which is proportional to the wind speed, measuring means for measuring a parameter such as the wind distance or duration of a wind of predetermined wind speed being dependent on the rotational speed of the shaft and from which the wind energy can be determined, wherein the measuring means comprises a plurality of mechanically, electrically and/or optically actuated measuring devices engageable by known means on said shaft, each measuring device being actuatable at a predetermined rotational speed of the shaft and hence wind speed so as to measure the said parameter at the respective predetermined wind speed.

(Complete specification 15 pages. Drawing 2 sheets).

CLASS : 205B, H. 152135.

Int. Cl. : B 60 c 25/00.

"A TIRE BUILDING APPARATUS".

Applicant : THE GENERAL TIRE & RUBBER COMPANY, a corporation organised under the laws of the State of Ohio, United States of America, of One General Street, Akron, Ohio 44329, United States of America.

Inventors : ROBERT LEE BROWN, KENNETH WILLIAM DUNAWAY & URIGIL ESTILL HENLEY.

Application for patent No. 363/Del/79 filed on 22nd May, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claims.

A tire building apparatus having a building drum and an inflatable, cord reinforced, elastomeric, toroid shape bladder disposed at an axial end of said building drum, said bladder being adapted to turn up and wrap the piles of a tire carcass around a bead ring positioned adjacent said axial end of said building drum and including an outer bladder fold having a substantially cylindrical portion of a diameter less than the diameter of said building drum when said bladder is completely deflated, said bladder also including an inner bladder fold disposed radially inwardly from said outer bladder fold wherein :

(a) said outer bladder fold has a conical portion axially adjacent said building drum, said conical portion having a smaller diameter end merging with said cylindrical portion of the outer bladder fold and sloping radially outwardly from said cylindrical portion to a largr diameter end that is located immediately radially inwardly of the bead ring location when said bladder is completely deflated;

(b) a portion of said inner bladder fold merges in a moulded crease with the larger diameter end of said conical portion of said outer bladder fold; and

(c) a control ring insert is positioned within said bladder and between said inner and outer bladder folds, said control ring insert being positioned axially outwardly of the portion of said inner bladder fold adjacent said moulded crease so as to engage said portion of said inner bladder fold after the initial inflation of said bladder and restrain the said inner bladder fold and connected outer bladder fold from moving axially away from said bead ring when said bladder is further inflated.

(Complete specification 17 pages. Drawing 9 sheets).

CLASS : 120 c 1. 152136

Int. Class : F16c-23/10, F16n-1/00.

"SINTERED SELF LUBRICATING BEARING".

Applicant MERISINTER S.p.A., an Iatlian body corporate, of 80022 Arzano (Prov. of Napoli), Italy.

Inventors : GENNARO APUZZO & GIAN FILIPPO BOCCHINI.

Application for patent no. 364/Del/79 filed on 22nd May, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

5 Claims

A sintered self-lubricating bearing, comprising a sleeve of a porous material of a predetermined permeability having a central opening to receive a rotatable shaft, said opening defining an inner surface; and a plurality of areas located on said inner surface equally spaced from each other in a circumferential direction and axially extended along an axis of elongation of said sleeve, each said area being backed by a portion of relatively small thickness having a permeability lower than that of said porous material of said sleeve, whereby said portions reduce the penetration of the lubricating oil into said porous material of said sleeve in the region of maximum pressure and also allow a free circulation of oil within the whole porous sleeve.

(Complete specification 9 pages. Drawing 1 sheet).

CLASS : 27 L. 152137

Int. Class : E04g 21/12.

"IMPROVED HYDRAULICALLY DRIVEN CIRCUMFERENTIAL PRESTRESSING MACHINE FOR CONCRETE CORE PIPES".

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delh-1, India an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors : MANJERI ANANTARAMAN PARAMESWARAN, MEDISETTI MADHUSUDHANA RAO, SUBRAMANYA KRISHNAMURTI, BANDARU VENKATESWARLU, JAGANATHAN SHANMUGASUNDARAM & VADIVELU SHANMUGAM.

Application for patent no. 365/Del/79 filed on 22-5-1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

5 Claims

An improved device for circumferentially winding wire under tension around a concrete core in order to prestress it, which comprises a rotatable turntable for supporting said core, said turntable being adapted to be driven by hydraulic drive means, means for presetting and measuring the tension in said wire located between said source and a system of traction pulleys, said pulleys being connected to a fluid pump adapted to supply hydraulic fluid, the movement of the wire about said pulleys causing them to rotate and thereby actuate said fluid pump to supply hydraulic fluid to said hydraulic drive means for rotating said turntable, the combinaton of fluid pump and hydraulic drive means constituting at regenerative drive for vertical movement of the pulley system.

(Complete specification 14 pages. Drawing 2 sheets).

CLASS : $32F_8(b)$ 152138

Int. Class : C07c 53/02.

"PREPARATION OF FORMIC ACID BY HYDROLYSIS OF METHYL FORMATE".

Applicant : JACKSON DAY LEONARD, of 7002 Blvd East, Guttenberg, New Jersey 07093, County of Hudson, State of New Jersey, United States of America, a citizen of the United States of America.

Inventor : JACKSON DAY LEONARD.

Application for patent no. 369/Del/79 filed on 23rd May, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

6 Claims

A process for the preparation for formic acid by the liquid phase hydrolysis of methyl formate which comprises : passing methyl formate and water to a reaction zone maintained at a pressure of from 5 to 18 atoms and a temperature of 9" to 140°C., the molar ratio of said methyl formate to water being from 1.5:1 to 10:1, providing sufficient reactor volume to allow the hydrolysis to approach at least 95% equilibrium; discharging the resultant product into a low pressure zone maintained at a pressure of from 2 atmospheres to 700mm Hg, wherein a substantial quantity of the unreacted methyl formate is vaporized overhead and the remaining liquid is thereby quickly cooled; feeding the liquid from said low pressure zone to a first distillation zone maintained at a pressure of from 10 to 700mm, Hg.; and separating the residual unreacted methyl formate and methyl alcohol as a distillate from said distillation zone and a water formic acid stream as a residue from said distillation zone.

(Complete specification 13 pages. Drawing 1 sheet).

CLASS : 94E, 72B & 123. 152139

Int. Class : B02c 23/06, C05f 3/00 & C06b 1/00, 7/00.

"PROCESS FOR THE PREPARATION OF A STABLE SUSPENSION OF FINE CRYSTALLINE MATERIAL".

Applicant : Imperial Chemical Industries Limited, of Imperial Chemical House, Millbank, London SW1P 3JF, England, a British Company.

Inventors : JAMES DEREK BIRCHALL, JOHN COOPER, JAMES ALEXANDER ENEVER, DEREK AUBREY PALGRAVE & FREDERICK ANDREW WAITE.

Application for patent no. 371/Del/79 filed on 24th May, 1979.

Convention date 30th May, 1978/(23768/78)/& 30th Mar, 1979/(7911207).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

18 Claims

A process for the preparation of a stable suspension of fine crystalline material such as herein described suspended in a saturated solution of said material wherein a solid crystalline material is comminuted by grinding in the presence of a saturated solution of the material in a liquid in which the material has a solubility greater than 1% by weight, the mixture of said solution and said material being in fluid condition during grinding, and also in the presence of an additive which is at least partly dissolved in the said saturated solution and is a crystal growth inhibitor for said material whereby crystal growth is inhibited at both existing crystal surfaces and new crystal surfaces produced by the communition operation.

A stable suspension of fine crystalline material suspended in a saturated solution of said material whenever prepared by a process as claimed in any one of claims 1 to 16 inclusive.

(Complete specification 28 pages).

CLASS : 32 E. 152140

Int. Class : C08j 1/34.

"A PROCESS FOR PREPARING ION-EXCHANGE MEMBRANES".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, of Rafi Marg, New Delhi-1, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors : VEERANTHURE KALVAKALVA INDUSEKHAR, WAMAN PRABHAKAR HARKARE & KOTTEYIL PAZHANIANDI GOVINDAN.

Application for patent no. 372/Del/79 filed on 25th May, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

4 Claims

A process for preparing ion-exchange membrane which comprises heating polyvinyl chloride with a plasticising agent of the kind such as herein described in a suitable solvent to form a solution of plasticised polyvinyl chloride, reacting said plasticized polyvinyl chloride with one or more vinyl monomers of the kind such as herein described in the presence of a polymerisation catalyst therefor to obtain a solution of a cross-linked film forming copolymer, casting said film forming copolymer as a film or as a coating on a porous substratum and curing said film or film coated substratum to obtain an unreinforced or reinforced ion-exchange membrane as the case may be.

(Complete specification 13 pages).

OPPOSITION PROCEEDINGS

(1)

The application for patent No. 144655 made by M/s. Kelvinator of India Ltd., in respect of which opposition was entered by M/s. Bharat Heavy Electricals Ltd., and M/s. The National Industrial Development Corporation Ltd., as notified in the Gazette of India, Part-III, Section 2 dated the 25th November, 1978, the application for patent has been treated as withdrawn.

(2)

An opposition has been entered by The Associated Cement Companies' Limited to the grant of patent on application No. 151345 made by New Metal Foundries.

(3)

An opposition has been entered by The Associated Cement Companies' Limited to the grant of a patent on application No. 151344 made by New Metals Foundries.

PATENTS SEALED

150450 150648 150761 150997 150998 150999 151032 151036 151037 151042 151046 151050 151052 151058 151076 151078 151088 151089 151090 151092 151098 151100 151101 151102 151103 151104 151106 151108

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1) ....

The amendments proposed by Cotton Incorporated, in the specification in respect of his application No. 149544 as advertised in Part III, Section 2 of the Gazette of India dated 9th April, 1983 have been allowed.

(2)

Notice is hereby given that Elkem-Spigerverket A/S, a company incorporated under the laws of Norway, of Elkemhuset, Middlthuns gate 27, Oslo 3, Norway have made an application under section 57 of the Patents Act, 1970 for amendment of application specification and drawings of their Patent

No. 150800 for "Gas-tight roof for a furnace". The amendments are by way of changing their name from "Elkemspigerverket A/S" to "Elkem A/S". The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filled with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(3)

Notice is hereby given that Westinghouse Electric Corporation, of Westinghouse Building, Gateway Centre, Pittsburgh, Pennsylvania 15222, United States of America, a corporation organized and existing under the laws of the State of Pennsylvania, United States of America, have made an application under Section 57 of the Patents Act, 1970 for amendment of application Form and specification of their Patent application No. 150329 for "A method of making semiconductor device and semiconductor devices produced thereby". The amendments are to more clearly distinguish the invention over prior art. The application for amendment and the proposed amendment can be inspected free of charge at the Patent Office 214, Acharya Jagdish Bose Road, Calcutta-700017, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice opposition on the prescribed form 30 within three months from the date of this notification, at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be laft within one month from the date of filing the said notice.

(4)

Notice is hereby given that the JACKSON DAY LEONARD, of 7002 Blvd East, Guttenburg, New Jersey, 07093, County of Hudson, State of New Jersey, United States of America, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their patent application No. 369/Del/79 for "Preparation of formic acid by Hydrolis of methyl formate". The amendments are by way of correction and explanation so as to describe the nature of the invention more clearly and precisely. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, Municipal Market Building, 3rd Floor, Saraswati Marg, Karol Bagh, New Delhi-110005 or copies of the same can be had on payment of the usual copying charges.

Any person interested in opposing the application for amendments may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office Branch, New Delhi. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

RENEWAL FEES PAID

98362 103302 118133 118234 123330 123331 123354 123666 123677 123762 128799 129139 130363 130714 130860 130910 130913 132580 132765 132915 133124 133137 133139 133149 133172 133239 133254 133284 133325 133378 133460 133468 133612 134503 134620 134668 134778 134973 136073 136220 136469 136655 137481 137536 137617 137863 138090 138434 138749 138774 139023 139184 139306 139311 139365 139611 139758 140095 140315 140499 141204 141419 141856 142573 142839 143110 143126 143191 143374 143641 144193 144211 144293 144856 144863 145362 145530 145554 145594 145674 146301 146347 146348 146385 146400 146413 146844 146847 146942 147127 147471 147495 147517 147642 147738 147806 148292 149418 149419 149420 149449 149723 149877 149937 150159 150365 150366 150367 150368 150435 150493 150497 150510 150542 150557 150614 150630 150633 150657 150708 150741 150742 150768 150769 150775 150781 150782

CESSATION OF PATENTS

113306 113327 11338 113384 113397 113409 113411 113413 113417 113425 113426 113427 113433 113434 113437 113449 113460 113461 113462 113477 113479 113493 113496 113498 128684 140827 140936 149411 149414 150160

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 153074, Sarvahi Sukhdev Singh, Amarjit Singh and Parminder Singh (Indian-Nationals) trading as Messrs Friends Industries, a Partnership firm duly registered under the Indian Partnership Act of 1932, whose address is G. T. Road, Simble Chowk, Batala-143505 (Punjab State) (India). "Plummer-Block" (Ball Bearing Bracket). 7th May, 1983.

Class. 1. No. 153238. Alkon Plastics Private Limited, a company incorporated in India of 29-AB, Government Industrial Estate, Kandivli, Bombay-400067, Maharashtra, India." "Adjustible Rack". 5th July, 1983.

Class. 1. No. 153358. Ankur Sales Corporation (REGD), 1900/120/121, Shri Ram Market, 1st Floor, Lal Ketan Pravinchandra Mehta, both Indian Nationals, Bracket". 22nd August, 1983.

Class. 1. No. 153208. Pravinchandra Chhaganlal Mehta and Ketan Privinchandra Mehta, both Indian Nationals, C/o Pravinchandra & Co., 71, Biplabi Rash Behari Bose Road, Calcutta-700 001, West Bengal, India. "Portable Water Filter". 15th June, 1983.

Class. 1. No. 153141. Honlock Tovo Die-Casting Company, Upper Fort, Shaikh Dawood, Aligarh-202001, Uttar Pradesh. India. An Indian Partnership Firm. "Lock". 30th May, 1983.

Class. 1. No. 152941. Raj Kumar Sah, Rajender Kumar Sah and Ravindra Kumar Sah all Indians, trading as Raj Kumar Sah & Sons, a firm registered under the Indian Partnership Act, and National Winder, owned by Raj Kumar Sah & Sons, all of pishach Machan Marg, Chetganj, Varanasi-221001. Uttar Pradesh, India. "Pesdestal Fan". 30th March, 1983.

Class. 1. No. 153239. General Foods Private Limited, a company incorporated in India of 170. R. N. Tagore Marg, Indore-452 001, (Madhya Pradesh). "Bottle". 5th July, 1983.

Class 3. No. 153293. Minni Trading Corporation, 5-B, Kanchan Villa, Goraswadi, Malad West, Bombay-400064, Maharashtra an Indian Partnership Firm. Pradesh, India. "Pedestal Fan". 30th March, 1983.

Class. 3. No. 153053. Mini Trading Corporation, 5-B, Kanchan Villa, Goraswadi, Malad (West), Bombay-400064. Maharashtra, an Indian Partnership firm. "Ring Plug". 20th April, 1983.

Class. 3. No. 153207. Pravinchandra Chhaganlal Mehta and Ketan Pravinchandra Mehta, both Indian Nationals C/o Pravinchandra & Co., 71. Biplabi Rashe Behari Bose Road, Calcutta-700 001, West Bengal, India. "Portable Water Filter". 15th June, 1983.

Class. 3. No. 153215. Crompton Greaves Limited, of 1, Dr. V. B. Gandhi Marg, Bombay-400 023. Maharashtra, India, an Indian Company, "Solid State electronic device for conrolling and indicating over voltage on Secondary terminals of a "current transformer". 18th June, 1983 .

Class. 3. No. 152921. Megha Enterprises, a Partnership firm." "Tricycle". 21st March, 1983.

Class. 3. No. 152912. Ethio Plastics Private Limited a Company registered in India, 15-16, Baroda Co-op. Ind., Estate Ltd., Chhani Road, Baroda-390 002, State of Gujarat, India. "Plastic Jar". 19th March, 1983.

Class. 3. No. 152908, Modern Fan Industries, B-133, Maya Puri Phase-I, New Delhi-110064, an Indian Partnership concern. "Plastic Fan". 19th March, 1983.

Class. 4. No. 153350. Proto Pharma (Pvt. Ltd., of K-369, Kidwai Nagar, Kanpur (U.P.) India, an Indian Company Registered under Indian Companies Act, 1956. "Glass Bottles". 18th August, 1983.

Class. 4. No. 153271. Ganga Narayan Ghosh, Indian Inhabitant whose address is : 6, Sheetal Palice, 1st Road, T. P. S. IV, Bandra (West) Bombay-400 050, State of Maharashtra, India. "Closed Garbage Bins". 16th July, 1983.

Class. 4. No. 153270. Ganga Narayan Ghosh, Indian Inhabitant whose address is 6, Sheetal Palace, 1st Road, T.P.S. IV, Bandra (West), Bombay-400 050, State of Maharashtra, India. "Closed Garbage Bins". 16th July, 1983.

NAME INDEX OF APPLICANTS FOR PATENTS FOR THE MONTH OF JULY, 1983 (NOS .818/CAL/83 to 954/CAL/83, 209/BOM/83 TO 235/BOM/83, 148/MAS/83 TO 166//MAS/83 AND 440/DEL/83 TO 524/DEL/83

Name	*&*	*Appln. No.*

—A—

A. H. Robins Company, Incorporated.—830/Cal/83.

Akt Consultants Pvt. Limited.—452/Del/83.

Amco Batteries Ltd.—151/Mas/83.

Arc Technologies Systems Ltd.—916/Cal/83.

Armco Inc. 453/Del/83 & 454/Del/83.

Abplanalp, R. H.—895/Cal/83.

Agrawal, A.—450/Del/83.

Agrawal, A. R.—227/Bom/83.

Air Preheater Company, Inc., The.—913/Cal83.

Ajinomoto General Foods Protein, Inc.—466/Del/83.

Aluminium Pechinery.—855/Cal/83.

Aneja, R. P.—939/Cal/83, 940/Cal/83 & 941/Cal/83.

Anicon, Inc.—872/Cal/83.

Annikhindi, V. G.—234/Bom/83 & 235/Bom/83.

Arthur Shaw Manufacturing Limited, 468/Del/83.

Asahi Glass Company Limited.—863/Cal/83.

Astilleros Espanoles, S. A.—870/Cal/83.

Atlantis Energie A. G.—920/Cal/83.

Atlas File Control, Inc.—451/Del/83.

Autofield Engineers Private Limited.—216/Bom/83.

—B—

Basf Aktiengesellschaft.—897/Cal/83.

Basf Farben Fasern Aktiengesellschaft.—504/Del/83, 505/Del/83, 506/Del/83 & 507/Del/83.

B. F. Goodrich Company, The.—508//Del/83.

Bicc Public Limited Company.—458/Del/83.

BNF Metals Technology Centre.—441/Del/83.

Babcock & Wilcox Company, The.—824/Cal/83, 825/Cal/83, 861/Cal/83 & 867/Cal/83.

Badalis, S.S.S.—473Del/83.

Baranov, V. K.—839/Cal/83.

Name	*&*	*Appln. No.*

Batham, P.—469/Del/83.

Beloit Corporation.—835/Cal/83.

Bethlehem Steel Corporation.—857/Cal/83.

Bhandari, D. S. 522/Del/83.

Bharat Electronics Limited.—161/Mas/83.

Bharat Heavy Electricals Ltd.—516/Del/83.

Bhargava, Y. N.—481/Del/83.

Bhatnagar, R. K. (Dr.).—448/Del/83

Bhatnagar, S—448/Del/83.

Biphase Energy Systems, Inc.—470/Del/83.

Blumle, R.—858/Cal/83.

Bombay Textile Res..earch Association.—225/Bom/83.

Bonduct Processors Pvt. Ltd.—229/Bom/83.

Bonnaval-Lamothe, M.—490/Del/83.

Britax (Wingard) Limited.—442/Del/83 & 459/Del83.

British Gas Corporation.—477/Del/83.

—C—

Card-O-Matic Pvt. Ltd.—497/Del/83.

Central Disillery & Breweries Limited.—447/Del/83.

Central Exchange and Credit Bank Co. Innovation Fund.—860/Cal/83.

Central pulp and paper Research Institute.—484/Del/83.

Chandna, M.—486/Del/83.

Chandwalker, K. T.—166/Mas/83.

Chavannos, M. A.—496/Del/83.

Chemische Werke Huls Aktiengesellschaft—884/Cal/83.

Choudhury, M. (Mrs.)—902/Cal/83 & 903/Cal/83.

Ciba-Geigy AG.—478/Del/83.

City University, The.—834/Cal/83.
Colgate-Palmolive Co.—518/Del/83.

Combustion Engineering Inc.—832/Cal/83, 878/Cal/83 & 888/Cal/83.

Compagnie Generale De Constructions Telephoniques.—841/Cal/83 & 859/Cal/83.

Corning Glass Works.—928/Cal/83.

Council of Scientific and Industrial Research.—461/Del/83 & 514/Del/83.

Cover, J. H.—907/Cal/83.

Crompton Greaves Ltd.—222/Bom/83.

—D—

Daiichi Engineering Company, Limited.—877/Cal/83.

Dana Corporation.—892/Cal/83, 893/Cal/83 & 894/Cal/83.

Degussa Aktiengesellschart.—951/Cal/83.

DeVlieg Machine Company.—875/Cal/83.

Dewplan (ET) Ltd.—523/Del/83.

Dharmarajan, N.—152/Mas/83.

Dharmic, D. K.—449/Del/83.

Director, Central Pulp and Paper Research Institute.—484/Del/83.

Donga, M.C.—223/Bom/83.

Dow Chemical Company, The.—880/Cal/83, 881/Cal/83, 882/Cal/83, 919/Cal/83.

Dresser Industries, Inc.—513/Del/83.

Name & Appln. No.

—E—

E. I. Du Pont De—917/Cal/83.

Nemours and Company.—933/Cal/83.

Electronic Display Network.—852/Cal/83.

Elpro International Ltd.—231/Bom/83, 232/Bom/83.

Energy Conversion Devices, Inc.—845/Cal/83, 862/Cal/83, 864/Cal/83, 865/Cal/83, 866/Cal/83, 868/Cal/83.

Engineering Patents & Equipment Limited.—931/Cal/83.

Environmental Elements Corporation.—849/Cal/83.

Erhardt + Leimer GmbH.—874/Cal/83, 889/Cal/83.

Ethicon Inc.—915/Cal/83.

—F—

F. L. Smidth & Co. A/S.—833/Cal/83, 909/Cal/83, 937/Cal/83.

Fared Drilling Technologies, Inc.—503/Del/83.

Federal-Mogul Corporation.—943/Cal/83.

Firma Carl Still GmbH & Co. KG.—826/Cal/83.

Ford Aerospace & Communications Corporation.—492/Del/83.

Foster Wheeler Energy Corporation.—887/Cal/83.

—G—

G. D. Searle & Co.—923/Cal/83.

G. D. Societa' Per Azioni.—440/Del/83, 487/Del/83.

GNB Batteries Inc.—952/Cal/83.

Garg, T.—899/Cal/83.

General Signal Corporation.—524/Del/83.

Gestetner Manufacturing Limited.—462/Del/83.

Ghosh, J. (Dr.) 891/Cal/83.

Gidec S. A.—510/Del/83.

Gupta, S. P.—472/Del/83.

—H—

Hashimoto, K.—906/Cal/83.

Hein, Lehmann Ag.—879/Cal/83.

Helionetics, Inc.—509/Del/83.

Hitachi, Ltd.—828/Cal/83.

Hoechst Aktiengesellschaft.—910/Cal/83, 942/Cal/83.

Hoechst Pharmaceuticals Limited.—226/Bom/83.

Hylsa, S. A.—856/Cal/83.

—I—

Imperial Chemical Industries PLC.—471/Del/83, 475/Del/83, 489/Del/83.

Institut Cerac S. A.—493/Del/83.

Institut Francais Du Petrole.—896/Cal/83.

Institut Metallurgii Imeni 50-Letia Sssr Akademii Nauk Gruzinskoi Ssr.—840/Cal/83, 846/Cal/83, 854/Cal/83.

Institut Po Metaloznanie I Technologia Na Metalite.—850/Cal/83.

Isover Saint-Gobain.—829/Cal/83.

—J—

Johnson Matthey Public Limited Company.—488/Del/83.

Joy, P. T.—219/Bom/83.

Name & Appln. No.

—K—

Kabushiki Kaisha Meidensha.—886/Cal/83.

Kapcompany General Limited.—482/Del/83, 483/Del/83, 500/Del/83, 501/Del/83, 502/Del/83.

Kar, A. K. (Dr.).—904/Cal/83.

Kerala Gandhi Smarak Nidhi.—153/Mas/83.

Khosla Engineers.—485/Del/83.

Kingslev Corporation Pvt. Ltd.—842/Cal/83.

Kirloskar Electric Company Ltd.—156/Mas/83.

Kitamura Machinery Co. Ltd.—900/Cal/83.

Klein, Schanzlin & Becker Aktiengesellschaft.—953/Cal/83.

Korea Advanced Institute of Science and Technology.—823/Cal/83.

Krishna, B. R. R.—159/Mas/83.

Krishnamurthy, H.—150/Mas/83.

Kronenberg, K.—211/Bom/83.

—L—

Lockwood, H. N. (Jr.).—460/Del/83.

Lubrizol Corporation, The.—847/Cal/83.

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March, A.A.C.—938/Cal/83.

Maschinenfabrik Buckau R. Wolf A.G.—936/Cal/83.

Maschinenfabrik Rieter A.G.—885/Cal/83

Maatschappij Tot Exploitatie Van Stork Ketels B.V.—883/Cal/83.

Mathivanan, K.—160/Mas/83.

Mazda Manufacturing Co.—215/Bom/83.

Meiji Seika Kaisha Ltd.—848/Cal/83, 911/Cal/83.

Merck & Co. Inc.—911/Cal/83.

Metallgesellschaft A. G.—914/Cal/83, 921/Cal/83.

Michelin & Cie.—851/Cal/83.

Minnesota Mining and Manufacturing Company.—818/Cal/83, 819/Cal/83, 920/Cal/83, 925/Cal/83.

Mitsubishi Denki Kabushiki Kaisha.—837/Cal/83.

Mitsui Toatsu Chemicals, Incorporated.—926/Cal/83.

Movalia, S. R.—223/Bom/83.

Mujumdar, V. V.—217/Bom/83.

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Nagree, A.—218/Bom/83.

National Dairy Development Board.—939/Cal/83, 940/Cal/83, 941/Cal/83.

National Research Development Corporation of India.—521/Del/83.

New Way Chemicals & Polishes Private Limited.—155/Mas/83.

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Oil & Natural Gas Commission.—499/Del/83.

Oppen, M. V. (Dr.).—166/Mas/83.

Orgreb-Institut fur Kraftwerke.—843/Cal/83, 844/Cal/83.

Outokumpu Oy.—209/Bom/83.

Owens-Corning Fiberglas Corporation.—918/Cal/83.

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Parab, C. A.—214/Bom/83.

Patel, D. B.—224/Bom/83.

Patel, D. K.—491/Del/83.

Pathak, B. K.—838/Cal/83.

Patwardhan, W. D. (Dr.).—212/Bom/83, 213/Bom/83.

Paul, S.—162/Mas/83.

Paul Wurth S. A.—467/Del/83.

Peddinghaus, R.—924/Cal/83.

Peico Electronics & Electricals Ltd.—230/Bom/83.

Perkins, R. D.—210/Bom/83.

Personal Products Company.—831/Cal/83.

Peter, J.—157/Mas/83.

Philips, J.—152/Mas/83.

Pinov, A. B.—839/Cal/83.

Plessey Company Plc.—954/Cal/83.

Poclain Hydraulics.—474/Del/83.

Polytype AG.—476/Del/83.

Potapov, V. N.—839/Cal/83.

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Qidwai, M. S.—446/Del/83, 498/Del/83.

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Rajendran K.—154/Mas/83.

Rao, L. R.—158/Mas/83.

Regents of the University of California, The.—457/Del/83.

Rheinische Braunkonlenwerke AG.—836/Cal/83.

Rockwell International Corporation.—520/Del/83.

Rostokinsky, V. V.—839/Cal/83.

Roto-Sieve AB.—869/Cal/83.

Rubber and Plastics Research Association of Great Britain.—477/Del/83.

Ruhrchemie Aktiengesellschaft.—883/Cal/83.

Ryabikov, S. V.—839/Cal/83.

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Sabelnikov, V. A.—839/Cal/83.

Sandvik Asia Ltd.—220/Bom/83.

Sathyanarayana, P. V.—149/Mas/83.

Schlumberger Limited.—821/Cal/83, 827/Cal/83, 953/Cal/83.

Schuman, M. (Physicist).—494/Del/83.

Semiconductor Energy Laboratory Co., Ltd.—511/Del/83, 512/Del/83.

Sharma, I. P.—465/Del/83.

Shell Internationale Research Maatschappij B. V.—898/Cal/83.

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Sherritt Gordon Mines Limited.—495/Del/83.

Shri Ram Institute for Industrial Research.—443/Del/83, 444/Del/83 445/Del/83, 455/Del/83, 456/Del/83, 515/Del/83, 517/Del/83.

Siemens Aktiengesellschaft.—912/Cal/83, 927/Cal/83.

Sinha, A. K.—908/Cal/83.

Societe D'Exploitation des Procedes Marechal (SEPM).—479/Del/83, 480/Del/83.

Societe Industrielle De Transports Automobiles "Sita".—901/Cal/83.

Societe Nationale Industrielle Aerospatiale.—464/Del/83.

Sree Chitra Tirunal Institute for Medical Science & Technology.—165/Mas/83.

Standard Oil Company, The.—463/Del/83.

Stone & Webster Engineering Corporation.—873/Cal/83.

Strebkov, D. S.—839/Cal/83.

Sumitomo Chemical Company, Limited.—853/Cal/83.

Syva Company.—876/Cal/83.

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Thirupathy, V. V. T.—163/Mas/83.

Thomas Broadbent & Sons Limited.—871/Cal/83.

Thomm, H.—890/Cal/83.

Toatsu Chemicals, Incorporated.—932/Cal/83.

Travancors Mats & Matting Co., The.—164/Mas/83.

Trident Take-Ups.—228/Bom/83.

Trutzschler GmbH & Co. Kg.—934/Cal/83.

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Tveryanovich, E. V.—839/Cal/83.

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Unic Van Kunstmestfabriken B. V.—905/Cal/83.

Union Carbide Corporation.—822/Cal/83.

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Verghese, M.—148/Mas/83.

Voest-Alpine Aktiengesellschaft.—922/Cal/83.

—W—

W. Schalfhorst & Co.—221/Bom/83.

Westinghouse Electric Corporation.—929/Cal/83 930/Cal/83.

White Consolidated Industries, Inc.—519/Del/83.

Wu, C. J. (Chyuan-Jong).—233/Bom/83.

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Xerox Corporation.—944/Cal/83, 945/Cal/83, 946/Cal/83, 947/Cal/83, 948/Cal/83, 949/Cal/83, 950/Cal/83.

DR. K. V. SWAMINATHAN
Controller-General of Patents, Designs and Trade Marks

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